

Appendix A CEQA Environmental Significance Checklist

This checklist identifies physical, biological, social and economic factors that under CEQA might be affected by the proposed project. Where the checklist determination is something other than “no impact”, the associated environmental topic is further discussed in the environmental document.

Supporting documentation of all CEQA checklist determinations is provided in Chapters 2, 3, and 4 of this Initial Study/Environmental Assessment. Documentation of “No Impact” determinations is provided at the beginning of Chapter 2. Discussion of all impacts, avoidance, minimization, and/or compensation measures under the appropriate topic headings in Chapters 2, 3, and 4.

Environmental Significance Checklist

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
I. AESTHETICS: Would the project:				
a) Have a substantial adverse effect on a scenic vista?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) Substantially degrade the existing visual character or quality of the site and its surroundings?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) Create a new source of substantial light or glare that would adversely affect day or nighttime views in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
II. AGRICULTURE RESOURCES: In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Dept. of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:				
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
c) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
III. AIR QUALITY: Where available, the significance criteria established by the applicable air quality management or air pollution control district might be relied upon to make the following determinations. Would the project:				
a) Conflict with or obstruct implementation of the applicable air quality plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X

	Potentially Significant Impact	Less Than Significant With Mitigation Incorporated	Less Than Significant Impact	No Impact
c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions that exceed quantitative thresholds for ozone precursors)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) Expose sensitive receptors to substantial pollutant concentrations?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
e) Create objectionable odors affecting a substantial number of people?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
IV. BIOLOGICAL RESOURCES: Would the project:				
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional or state habitat conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
V. CULTURAL RESOURCES: Would the project:				
a) Cause a substantial adverse change in the significance of a historical resource as defined in §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to §15064.5?	<input type="checkbox"/>	<input type="checkbox"/>	X	<input type="checkbox"/>
c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) Disturb any human remains, including those interred outside of formal cemeteries?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
VI. GEOLOGY & SOILS: Would the project:				
Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
ii) Strong seismic ground shaking?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
iii) Seismic-related ground failure, including liquefaction?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
iv) Landslides?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Result in substantial soil erosion or the loss of topsoil?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X

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c) Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
VII. HAZARDS AND HAZARDOUS MATERIALS B Would the project:				
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving release of hazardous materials into the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
VIII. HYDROLOGY AND WATER QUALITY: Would the project:				
Violate any water quality standards or waste discharge requirements?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level that would not support existing land uses or planned uses for which permits have been granted)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner that would result in flooding on- or off-site?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X

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e) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems or provide substantial additional sources of polluted runoff?	<input type="checkbox"/>	<input type="checkbox"/>	X	
f) Otherwise substantially degrade water quality?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
g) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
h) Place within a 100-year flood hazard area structures that would impede or redirect flood flows?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
i) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
j) Inundation by tsunami, or mudflow?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
IX. LAND USE AND PLANNING: Would the project:				
Physically divide an established community?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) Conflict with any applicable habitat conservation plan or natural community conservation plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
X. MINERAL RESOURCES: Would the project:				
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
XI. NOISE: Would the project result in:				
a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
XII. POPULATION AND HOUSING: Would the project:				
a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X

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XIII. PUBLIC SERVICES				
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
Fire protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
Police protection?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
Schools?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
Parks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
Other public facilities?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
XIV. RECREATION:				
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
XV. TRANSPORTATION/TRAFFIC: Would the project:				
a) Cause an increase in traffic that is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Exceed, either individually or cumulatively, a level of service standard established by the county congestion management agency for designated roads or highways?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
e) Result in inadequate emergency access?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
f) Result in inadequate parking capacity?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
g) Conflict with adopted policies, plans, or programs supporting alternative transportation?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
XVI. UTILITIES AND SERVICE SYSTEMS: Would the project:				
a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
d) Have sufficient water supplies available to serve the project from existing or new entitlements and resources?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
e) Result in a determination by the wastewater treatment provider that serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X

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f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
g) Comply with federal, state, and local statutes and regulations related to solid waste?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
XVII. MANDATORY FINDINGS OF SIGNIFICANCE:				
Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X
c) Does the project have environmental effects that will cause substantial adverse effects on human beings, either directly or indirectly?	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	X

Appendix B Special-Status Species

Many state and federal laws regulate impacts to wildlife. The US Fish and Wildlife Service (USFWS), the National Oceanic and Atmospheric Administration (NOAA) Fisheries and the California Department of Fish and Game (CDFG) are responsible for implementing these laws.

“Special-status” species are selected for protection because they are rare and/or subject to population and habitat declines. Special status is a general term for species that are afforded varying levels of regulatory protection. The highest level of protection is given to threatened and endangered species; these are species that are formally listed or proposed for listing as endangered or threatened under the Federal Endangered Species Act (FESA) and/or the California Endangered Species Act (CESA). Please see Section 3.4.3, Special-Status Species and Occurrences, in this document for more detailed information regarding these species.

This appendix contains summary information on all special-status species potentially affected by the project. This includes information pertaining to each species’ habitat requirements and the likelihood that those habitats are present within the limits of the project. The habitats of some of these species have existed historically in the project area or only exist in isolated areas. This section also discusses potential impacts and permit requirements associated with plants and wildlife not listed or proposed for listing under the state or federal Endangered Species Act, including:

- CDFG fully protected plant species and plant species of special concern
- USFWS candidate plant species
- Non-listed California Native Plant Society (CNPS) rare and endangered plants
- CDFG fully protected species and species of special concern, and
- USFWS or NOAA Fisheries candidate species.

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
Plants						
<i>Alopecurus aequalis</i> var. <i>sonomensis</i>	Sonoma alopecurus	FE/-	1B.1	Present	Present	Unlikely
<i>Amstorpia lunaris</i>	bent-flowered fiddleneck	-/-	1B.2	Present	Unlikely	Unlikely
<i>Astragalus rattanii</i> var. <i>rattanii</i>	Rattan's milk-vetch	-/-	4.3	Present	Present	Unlikely
<i>Astragalus tener</i> var. <i>tener</i>	alkali milk-vetch	-/-	1B.2	Present	Present	Unlikely
<i>Balsamorhiza macrolepis</i> var. <i>macrolepis</i>	big-scale balsamroot	-/-	1B.2	Present	Absent	Unlikely
<i>Blennosperma bakerii</i>	Sonoma sunshine	FE/SE	1B.1	Present	Present	Unlikely

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
<i>Calamagrostis bolanderi</i>	Bolander's reed grass	-/-	4.2	Present	Present	Unlikely
<i>Calamagrostis crassiglumis</i>	Thurber's reed grass	-/-	2.1	Present	Present	Unlikely
<i>Campanula californica</i>	swamp harebell	-/-	1B.2	Present	Present	Unlikely
<i>Carex albida</i>	white sedge	FE/SE	1B.1	Present	Present	Unlikely
<i>Carex buxbaumii</i>	Buxbaum's sedge	-/-	4.2	Present	Potential	Unlikely
<i>Carex comosa</i>	bristly sedge	-/-	2.1	Present	Potential	Unlikely
<i>Castilleja uliginosa</i>	Pitkin Marsh Indian paintbrush	-/SE	1A	Present	Unlikely	Present

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
<i>Centromadia parryi</i> ssp. <i>parryi</i>	pappose tarplant	-/-	1B 2	Present	Present	Unlikely
<i>Downingia pusilla</i>	dwarf downingia	-/-	2.2	Present	Present	Unlikely
<i>Elymus californicus</i>	California bottle-brush grass	-/-	4.3	Present	Potential	Unlikely
<i>Erodium acrophyllum</i>	round-leaved filaree	-/-	2.1	Present	Potential	Unlikely
<i>Fritillaria liliacea</i>	fragrant fritillary	-/-	1B 2	Present	Present	Unlikely
<i>Hemizonia congesta</i> ssp. <i>leucocephala</i>	Hayfield tarplant	-/-	3.	Present	Present	Unlikely
<i>Iris longipetala</i>	coast iris	-/-	4.2	Present	Present	Unlikely

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
<i>Lasthenia burkei</i>	Burke's goldfields	FE/SE	1B.1	Present	Present	Unlikely
<i>Lasthenia conjugens</i>	Contra Costa goldfields	FE/-	1B.1	Present	Present	Unlikely
<i>Legeneria limosa</i>	legeneria	-/-	1B.1	Present	Present	Unlikely
<i>Leptosiphon grandiflorus</i>	large-flowered leptosiphon	-/-	4.2	Present	Present	Unlikely
<i>Lilium pardalimum</i> ssp. <i>pitkinense</i>	Pitkin Marsh lily	FE/SE	1B.1	Present	Present	Unlikely
<i>Limnanthes vinculans</i>	Sebastopol meadowfoam	FE/SE	1B.1	Present	Present	Potential
<i>Lotus formosissimus</i>	harlequin lotus	-/-	4.2	Present	Potential	Unlikely

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
<i>Microseris paludosa</i>	marsh microseris	-/-	1B.2	Present	Present	Unlikely
<i>Monardella villosa</i> ssp. <i>globosa</i>	robust monardella	-/-	1B.2	Present	Present	Unlikely
<i>Navarretia cotulifolia</i>	Cotula navarretia	-/-	4.2	Present	Present	Unlikely
<i>Navarretia leucocephala</i> ssp. <i>bakeri</i>	Baker's navarretia	-/-	1B.1	Present	Present	Unlikely
<i>Navarretia leucocephala</i> ssp. <i>plieantha</i>	many-flowered navarretia	FE/SE	1B.2	Present	Present	Unlikely
<i>Perideridia gairdneri</i> ssp. <i>gairdneri</i>	Gairdner's yampah	-/-	4.2	Present	Present	Unlikely

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
<i>Pleuroponer hooverianus</i>	North Coast seahorse grass	-/ST	1B.1	Present	Present	Unlikely
<i>Potentilla hickmanii</i>	Hickman's cinquefoil	FE/SE	1B.1	Present	Present	Unlikely
<i>Ranunculus lobbii</i>	Lobb's aquatic buttercup	-/-	4.2	Present	Present	Present
<i>Rhynchospora californica</i>	California beaked-rush	-/-	1B.1	Present	Present	Unlikely
<i>Rhynchospora capitellata</i>	brownish beaked-rush	-/-	2.2	Present	Absent	Unlikely
<i>Rhynchospora globularis</i> var. <i>globularis</i>	round-headed beaked-rush	-/-	2.1	Present	Present	Unlikely

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
<i>Sidalcea malachroides</i>	maple-leaved checkerbloom	-/-	4.2	Present	Potential	Present
<i>Trifolium amoenum</i>	showy Indian clover	FE/-	1B.1	Present	Present	Unlikely
<i>Trifolium depauperatum</i> var. <i>hydrophilum</i>	saline clover	-/-	1B.2	Present	Present	Unlikely
<i>Tripysaria floribunda</i>	San Francisco owl's-clover	-/-	1B.2	Present	Potential	Present
<i>Zigadenus micranthus</i> var. <i>fontanus</i>	marsh zigadenus	-/-	4.2	Present	Potential	Unlikely
Wildlife						
<i>Invertebrates</i>						
<i>Syncaris pacifica</i>	California freshwater shrimp	FE/SE	N.A.	Present	Present	Present
						Known to occur in the ESL. Found in Blucher Creek (Serp 2006).

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
<i>Fish</i>						
<i>Oncorhynchus mykiss irideus</i>	Central California Coast Steelhead ESU	-/SSC	N.A.	Present	Present	Present
<i>Amphibians</i>						
<i>Ambystoma californiense</i>	California tiger salamander	FE/SSC	N.A.	Present	Present	Present
<i>Rana aurora draytonii</i>	California red-legged frog	FT/SSC	N.A.	Present	Absent	Unlikely
<i>Reptiles</i>						
<i>Emys (Clemmys) marmorata</i>	western pond turtle	-/SSC	N.A.	Present	Present	Present
<i>Birds</i>						
<i>Elanus leucurus</i>	white-tailed kite	-/SFP	N.A.	Present	Present	Present
<i>Buteo regalis</i>	Ferruginous hawk	-/SSC	N.A.	Present	Present	Unlikely
<i>Coccyzus americanus occidentalis</i>	western yellow-billed cuckoo	-/SE	N.A.	Present	Unlikely	Unlikely
<i>Athene cunicularia hypogaea</i>	western burrowing owl	-/SSC	N.A.	Present	Present	Unlikely
<i>Chaetura vauxi</i>	Vaux's swift (nesting)	-/SSC	N.A.	Present	Unlikely	Unlikely

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
	Species Status		CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent
Scientific Name	Common Name	Fed/State				Rationale
<i>Empidonax traillii brevisteri</i>	little willow flycatcher	-/SE	N.A.	Present	Potential	Unlikely
<i>Lanius ludovicianus</i>	loggerhead shrike	-/SSC	N.A.	Present	Potential	Potential
<i>Agelaius tricolor</i>	tricolored blackbird	-/SSC	N.A.	Present	Present	Potential
Mammals						
<i>Antrozous pallidus</i>	Pallid bat	-/SSC	N.A.	Present	Present	Unlikely
<i>Corynorhinus townsendii</i>	Pacific (Townsend's) western big-eared bat	-/SSC	N.A.	Present	Present	Potential
<i>Eumops perotis californicus</i>	Greater western mastiff bat	-/SSC	N.A.	Present	Potential	Unlikely
<i>Taxidea taxus</i>	American badger	-/SSC	N.A.	Present	Present	Unlikely

Some suitable riparian habitat present. Not known to occur in Sonoma county.

Suitable nesting and foraging habitat available within or near ESL.

Three probable breeding records near the ESL between 1986 and 1991. Closest known CNDDDB occurrence approximately 3 km (2 mi) from the ESL (CDFG 2007a).

Some suitable habitat present. Closest known CNDDDB occurrence is approximately 8 km (5 mi) from ESL.

Suitable habitat present. Closest known CNDDDB occurrence is approximately 22 km (14 mi) from ESL.

Not previously known from northern California except for a few recent records; no suitable habitat within ESL.

Habitats within or near ESL are marginal.

Closest known CNDDDB occurrence is approximately 5 km (3 mi) from the ESL.

Special-Status Plants and Wildlife with Potential to Occur in the Proposed Project ESL						
Scientific Name	Common Name	Fed/ State	CNPS	Habitat in Region Present/Absent	Habitat in ESL Present/Absent	Species in ESL Present/Absent

Notes:

Status Codes:

Federal Status

FE – Federally listed as endangered
FT – Federally listed as threatened
FC – Candidate for federal listing

State Status

SE – State listed as endangered
ST – State listed as threatened
SSC – State Species of Concern
SR – State listed as rare
SFP – Fully Protected

N.A. = Not applicable

California Native Plant Society (CNPS) Status

1A – Plants presumed extinct in California
1B – Plants rare, threatened, or endangered in California and elsewhere
2 – Plants rare, threatened, or endangered in California, but more common elsewhere
3 – Plants about which we need more information – a review list
4 – Plants of limited distribution – a watch list

CNPS threat code extensions

- .1 – Seriously endangered in California.
- .2 – Fairly endangered in California.
- .3 – Not very endangered in California.
- ? – Not determined.

Sources

California Natural Diversity Database (CNDDDB). 2007. RareFind3. California Department of Fish and Game, Sacramento.
California Native Plant Society (CNPS). 2007. Inventory of Rare and Endangered Plants of California. Online edition, v6-05a. California Native Plant Society, Sacramento, CA. Howard, Ann. 2006.
GANDA and CH2M HILL. 2006. Special-Status Plant Survey's Caltrans Highway 116 Rehabilitation Project, Cotati to Sebastopol (EA 131571). See Appendix E.
US Fish and Wildlife Service. 2005. "Endangered Species Lists." January 2007.

Appendix C Title VI Policy Statement

STATE OF CALIFORNIA—BUSINESS, TRANSPORTATION AND HOUSING AGENCY

ARNOLD SCHWARZENEGGER, Governor

DEPARTMENT OF TRANSPORTATION
OFFICE OF THE DIRECTOR
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SACRAMENTO, CA 94273-0001
PHONE (916) 654-5266
FAX (916) 654-6608
TTY (916) 653-4086



*Flex your power!
Be energy efficient!*

January 14, 2005

TITLE VI POLICY STATEMENT

The California Department of Transportation under Title VI of the Civil Rights Act of 1964 and related statutes, ensures that no person in the State of California shall, on the grounds of race, color, national origin, sex, disability, and age, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination under any program or activity it administers.

A handwritten signature in black ink that reads "Will Kempton".

WILL KEMPTON
Director

"Caltrans improves mobility across California"

Appendix D Summary of Relocation Benefits

CALIFORNIA DEPT. OF TRANSPORTATION RELOCATION ASSISTANCE PROGRAM

RELOCATION ASSISTANCE ADVISORY SERVICES

The California Department of Transportation (the Department) will provide relocation advisory assistance to any person, business, farm or non-profit organization displaced as a result of the Department's acquisition of real property for public use. The Department will assist residential displacees in obtaining comparable decent, safe and sanitary replacement housing by providing current and continuing information on sales price and rental rates of available housing. Non-residential displacees will receive information on comparable properties for lease or purchase.

Residential replacement dwellings will be in equal or better neighborhoods, at prices within the financial means of the individuals and families displaced, and reasonably accessible to their places of employment. Before any displacement occurs, displacees will be offered comparable replacement dwellings that are open to all persons regardless of race, color, religion, sex or national origin, and are consistent with the requirements of Title VIII of the Civil Rights Act of 1968. This assistance will also include supplying information concerning federal and state assisted housing programs, and any other known services being offered by public and private agencies in the area.

RESIDENTIAL RELOCATION PAYMENTS PROGRAM

The links below are to the Relocation Assistance for Residential Relocation Brochure.

http://www.dot.ca.gov/hq/row/pubs/residential_english.pdf

http://www.dot.ca.gov/hq/row/pubs/residential_spanish.pdf

http://www.dot.ca.gov/hq/row/pubs/mobile_eng.pdf

http://www.dot.ca.gov/hq/row/pubs/mobile_sp.pdf

THE BUSINESS AND FARM RELOCATION ASSISTANCE PROGRAM

http://www.dot.ca.gov/hq/row/pubs/business_farm.pdf

http://www.dot.ca.gov/hq/row/pubs/business_sp.pdf

ADDITIONAL INFORMATION

No relocation payment received will be considered as income for the purpose of the Internal Revenue Code of 1954 or for the purposes of determining eligibility or the extent of eligibility of any person for assistance under the Social Security Act or any other federal law (except for any federal law providing low-income housing assistance).

Persons who are eligible for relocation payments and who are legally occupying the property required for the project will not be asked to move without being given at least 90 days advance

notice, in writing. Occupants of any type of dwelling eligible for relocation payments will not be required to move unless at least one comparable “decent, safe and sanitary” replacement residence, open to all persons regardless of race, color, religion, sex or national origin, is available or has been made available to them by the state.

Any person, business, farm or non-profit organization, which has been refused a relocation payment by the Department, or believes that the payments are inadequate, may appeal for a hearing before a hearing officer or the Department’s Relocation Assistance Appeals Board. No legal assistance is required; however, the displacee may choose to obtain legal council at his/her expense. Information about the appeal procedure is available from the Department’s Relocation Advisors.

The information above is not intended to be a complete statement of all of the Department’s laws and regulations. At the time of the first written offer to purchase, owner-occupants are given a more detailed explanation of the state’s relocation services. Tenant occupants of properties to be acquired are contacted immediately after the first written offer to purchase, and also given a more detailed explanation of the Department’s relocation programs.

IMPORTANT NOTICE

To avoid loss of possible benefits, no individual, family, business, farm or non-profit organization should commit to purchase or rent a replacement property without first contacting a Department of Transportation relocation advisor at:

Michael Hoover
michael_hoover@dot.ca.gov
State of California
Department of Transportation, District #04
PO Box 23660
Oakland, CA 94623-0660

Appendix E List of Technical Documents

Information regarding the location of prehistoric archaeological sites is not to be released to the public. The legal justification for protecting this information is based in California Public Resources Code Section 6254.10.

Initial Site Assessment [ISA] Results for Road Rehabilitation project 04-131571. Caltrans District 4 Department of Environmental Engineering. December 14, 2000.

Site Investigation Report: State Route 116 Cotati to Sebastopol Sonoma County, California. Prepared for California Department of Transportation District 3 by Shaw Environmental, Sacramento, Calif. April 22, 2003.

*Biological Assessment for California Freshwater Shrimp (*Syncaris pacifica*), California Tiger Salamander (*Ambystoma californiense*), and Endangered Plants, Sonoma State Route 116 Roadway Rehabilitation Project Between Cotati and Sebastopol Sonoma County, California. Caltrans District 4 Office of Biological Sciences and Permits. September, 2007.*

Biological Assessment (Steelhead), Sonoma State Route 116 Roadway Rehabilitation Project Between Cotati and Sebastopol Sonoma County, California. Caltrans District 4 Office of Biological Sciences and Permits. September, 2007.

Natural Environment Study: State Route 116 Roadway Rehabilitation Project, Sonoma County, California. Caltrans District 4 Office of Biological Sciences and Permits. September, 2007.

SR-116—Improvements from Cotati to Sebastopol, Sonoma County, Visual Impact Assessment. Caltrans District 4 Office of Landscape Architecture. May, 2007.

Relocation Impact Statement (Draft) 04-SON-116 KP 45.1-56.0 EA 13171. Caltrans District 4 Division of Right of Way. April, 2007.

Historical Resources Evaluation Report for the proposed improvements on State Route 116, the “Gravenstein Highway” between Cooper Road in Sebastopol and Alder Avenue in Cotati, Sonoma County, California. Prepared for the California Department of Transportation [by the] Anthropological Studies Center, Sonoma State University, Rohnert Park, California. June, 2003. Revised September, 2006. Not available for public review.

Historic Property Survey Report for the proposed improvements on State Route 116, the “Gravenstein Highway” between Cooper Road in Sebastopol and Alder Avenue in Cotati, Sonoma County, California. California Department of Transportation District 4 Office of Cultural Resource Studies. September, 2006.